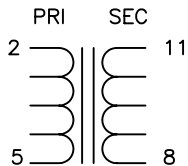
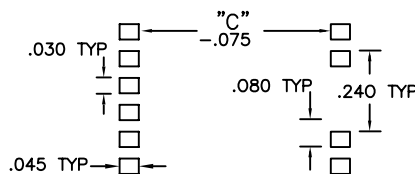


SUGGESTED SURFACE MOUNT PATTERN



PART NUMBER: KS\*  
 FOR PCMCIA 28.8, 33.6, 56K BPS  
 IMPEDANCE: SOURCE/LOAD 600/280 OHMS  
 DC RESISTANCE: PRI/SEC 160/190 OHMS, NOMINAL @ 20°C  
 INSERTION LOSS: 3.5-3.7 dB \*\*\*\*  
 FREQUENCY RESPONSE: ±0.2 dB 50Hz-50 KHz, -10 dBm OUTPUT.  
 HARMONIC DISTORTION: -73 dB, 150 Hz, 280 OHM SOURCE, -3 dBm ACROSS 600 OHM LOAD,  
 MAX OUTPUT POWER: +9 dBm  
 TURNS RATIO: 1:1 ± 2%  
 D.C. UNBALANCE: NONE  
 LONGITUDINAL BALANCE: 70 dB 50-1,000 Hz, 60 dB 1-10 KHz  
 RETURN LOSS: 30 dB MIN \*\*\*\*  
 FINISH: VARNISH  
 WEIGHT: 4 GRAMS  
 TERMINAL COPLANARITY: 0.004"  
 MARKING: BG, PART NO, DATE CODE, DOT T1 OPTIONAL.  
 TEMPERATURE: -40 TO +155°C. AMBIENT AND STORAGE. 250°C IR REFLOW.  
 APPROVALS: UL AND C-UL: #E157001. MIL-T-27: TF6V21YY.  
 PIN LAYOUT OPTIONS: A:10 PINS. B(DEFAULT): 8 PINS, NO 3,4. C: ONLY 4 PINS, # 1, 12, 5, 8

*	KS	KS.1	KSL.1	KS.5	KS.6	KS.7	KS.8
A: MAX =	.173	.173	.168	.200	.177	.168	.173
B: ±.003 =	.050	.096	.096	-.005	-.005	.096	.096
C: REF =	.780	.860	.860	.780	.780	.810	.790
PINS =	A,B	B	B	A,B	A,B	C	C

\*\*\*\* INCLUDES RESISTANCE, FREQUENCY RESPONSE, AND TURNS RATIO VARIATIONS. 0.15-3.5KHz AT -10 dBm OUTPUT  
 CONDITIONS: CHANGES AND IMPROVEMENTS WILL BE MADE. USER MUST DETERMINE SUITABILITY AND ACCEPTS SUCH RESPONSIBILITY.  
 ROTATING PART 180° DOES NOT EFFECT OPERATION.  
 ON SPECIAL ORDER PART CAN BE POLARIZED WITH RESPECT TO 45° BEVEL, MARKING, AND BY TERMINAL NUMBERS..  
 TERMINALS: THERMAL SOLDERING ONLY. CONDUCTIVE ADHESIVE SOLDERING ON SPECIAL ORDER.

Q: 15SEP99. REMOVED HIPOT.  
 P: 20JUN98. ADDED PIN WIDTH.  
 O: 9APR98. 2x.  
 S: 26JUL00 CHANGE .172 DIM. TO .173  
 R: 16MAR00 ADD KSL.1

PATENT PENDING

FILED AS: O-KS

UNLESS OTHERWISE SPECIFIED		DRAW: JP	MAT:	BG INCORPORATED 75 TRAVIS AVE, BINGHAMTON, NY 13904 PH 607-722-2376 FAX 607-722-4204
INCHES	FINISH: ✓	1st APP:	SCALE: 3:1	
XXXX ± .001	X ± .010	2nd APP: HB	SIZE: A	KS
XXX ± .002	ANGLE ±	DATE: 26 JUL 00	REV-CHGS: R	
XX ± .005	FRAC ±	CODE ID: 26522	SHEET 1 OF 1	